

**COLUMBIA RIVER FALL CHINOOK  
2019 PRELIMINARY RETURNS AND  
OUTLOOK FOR 2020**

2019 Preliminary Returns

- Adult fall Chinook return was predicted to be 349,600 fish.
- Preliminary return is slightly above the forecast.
- Bright jack return appears to be improved over 2018. Tule jack return appears to be slightly improved over 2018.

2020 Outlook

- Bright stocks should be similar to the 2019 preliminary return.
- Tule stocks should be similar to the 2019 preliminary return.
- Ocean conditions between 2015 and 2019 were among the worst observed during the last 21 years and are likely continuing to have a strong influence on the fall Chinook return in 2020.

Columbia River Coho

- 2019 preliminary return is about 30% of the preseason forecast of 611,300.
- Coho jack return to the Columbia River is less than 50% of the recent three-year average.

Tule Stocks

LRH – Lower River Hatchery stock

BPH – Bonneville Pool Hatchery stock

Bright Stocks

URB – Upriver Bright stock

PUB – Pool Upriver Bright stock

LRB – Lower River Bright stock

LRW – Lower River Wild stock

SAB – Select Area Bright stock

*December 13, 2019  
Washington Department of Fish and Wildlife  
Oregon Department of Fish and Wildlife*